

### ABSTRACT

A method of manufacturing an electrochemical device comprising an electrochemical device matrix 60 including first and second electrodes opposing each other; a case, formed by a first film 51 and a second film 52 which oppose each other, for accommodating the electrochemical device matrix in a closed state; a first lead connected to the first electrode; and a second lead connected to the second lead includes a thermal fusion step of thermally fusing the films 51 and 52 to each other while bringing fringes of the films 51 and 52 into contact with each other and pressing the contact portion of the films 51 and 52, whereas a die 93 (heating member) formed with grooves having respective forms in conformity to forms of cross sections of the leads is used at a part where the first and second leads are placed in the contact portion.